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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/782,973	02/23/2004	Shougo Sato	118785	7718
25944	7590	06/13/2005	EXAMINER	
OLIFF & BERRIDGE, PLC P.O. BOX 19928 ALEXANDRIA, VA 22320			NGO, HOANG X	
			ART UNIT	PAPER NUMBER
			2852	

DATE MAILED: 06/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/782,973	<b>Applicant(s)</b> SATO ET AL.	
	<b>Examiner</b> Hoang Ngo	<b>Art Unit</b> 2852	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-39 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |  |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>2/23/04</u> . | 6) <input type="checkbox"/> Other: ____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-39 are rejected under 35 U.S.C. 102(e) as being anticipated by Mae.

Mae discloses an image forming apparatus comprising a mainframe 1 (Fig. 1); a photoreceptor (i.e. 2Y, Fig. 2); an exposing unit L (Fig. 2) for forming an electrostatic latent image on the photoreceptor; a developing unit (i.e. 42Y, Fig. 2, Col. 8, line 16) for developing the electrostatic latent image; wherein the photoreceptor is loadable in and unloadable from the mainframe separately from the developing unit (Col. 6, lines 25-50).

Mae further discloses a photoreceptor cartridge (i.e. 41Y, Fig. 2) for retaining the photoreceptor and the cartridge is loadable in and unloadable from the mainframe (Col. 6, lines 25-30); wherein the photoreceptor includes a plurality of photoreceptors (i.e. 41Y, 41M, 41C, 41BK, Col. 6, line 25) to obtain plurality of colors; the photoreceptor cartridge is loadable in and unloadable from the mainframe in a direction being substantially parallel to a conveying direction of a transfer medium (i.e. arrow X, Fig. 3); the photoreceptor cartridge includes a charger 29 (Fig. 2) for charging the surface of the photoreceptor; the mainframe includes a guide part 45 for guiding movement of the

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photoreceptor cartridge for loading and unloading and the photoreceptor cartridge also includes a guide part 52 (Col. 7, lines 27-33); the developing unit is loadable in and unloadable from the mainframe in a direction that crosses a conveying direction of the transfer medium (Col. 8, lines 15-35); an evacuating unit for evacuating the developing unit in a direction away from the photoreceptor cartridge during loading and unloading; the photoreceptors includes a photoreceptor corresponding to a black color (i.e. 41BK); a transfer unit 8 (Fig. 1) for transferring a developer image to a transfer medium P; a first open able member provided on the mainframe (see arrow E, Fig 1); wherein the mainframe has a first opening that is opened and closed with the first open able member; and the photoreceptor is loaded and unloaded through the first opening; the photoreceptor faces the transfer unit at a transferring position; the exposing unit is disposed on a side of the photoreceptor opposite to the transferring position (see L, Fig. 2); the exposing unit is a laser scanner (Col. 5, line 19); the developing unit having an engaging part 53 (Fig. 2) for engaging with the guide member.

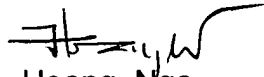
### ***Inquiry***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoang Ngo whose telephone number is (571) 272-2138. The examiner can normally be reached on 6:00am - 2:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Arthur Grimley can be reached on (571) 272-2136. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Hoang Ngo  
Primary Examiner  
Art Unit 2852

Hn  
June 09, 2005